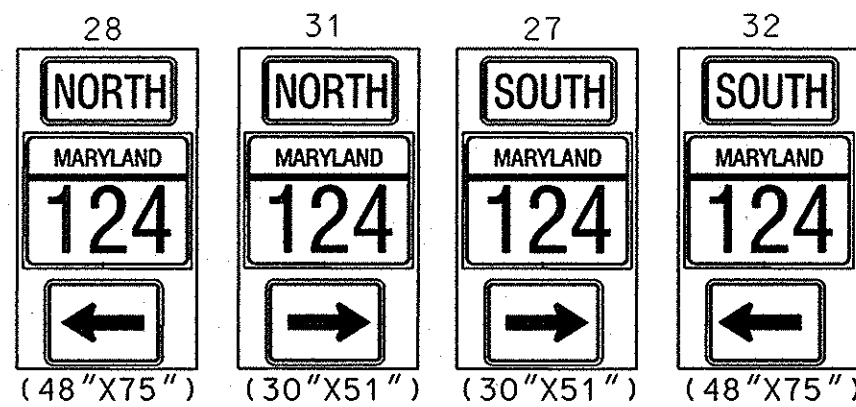
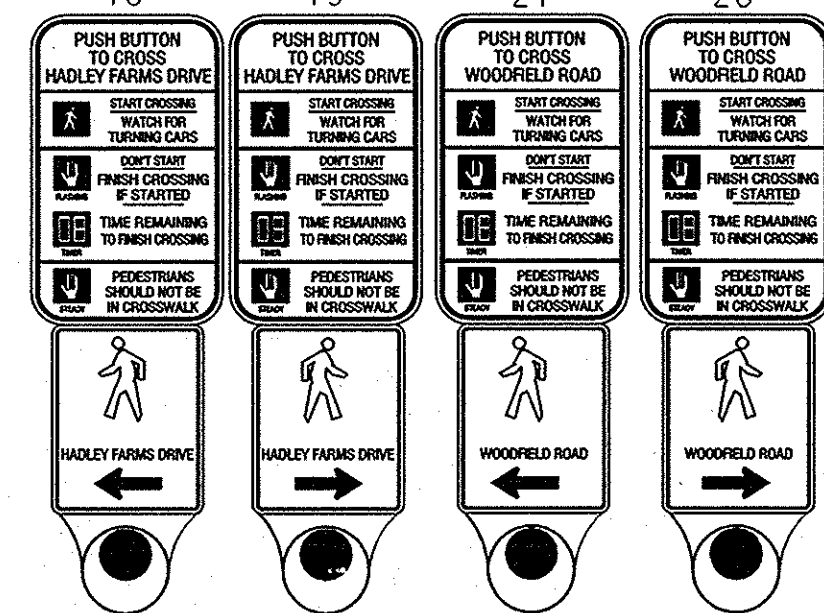


EXISTING SIGNS TO REMAIN



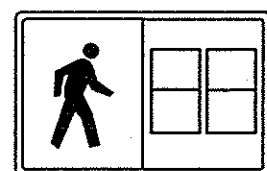
(ASSOCIATED SHIELD ASSEMBLY)



R10-3(1) (9" X15")
(TO BE INSTALLED WITH APS PUSH BUTTON)

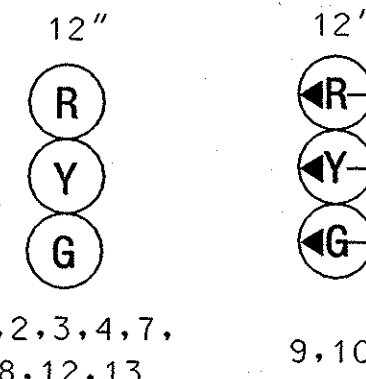
EXISTING SIGNALS TO REMAIN

16" LED COUNTDOWN
PEDESTRIAN SIGNAL

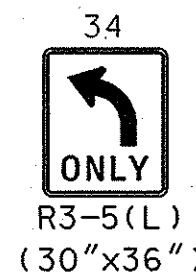
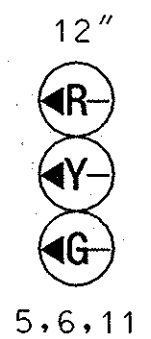


14,15,16,17

EXISTING SIGNALS TO BE RELOCATED



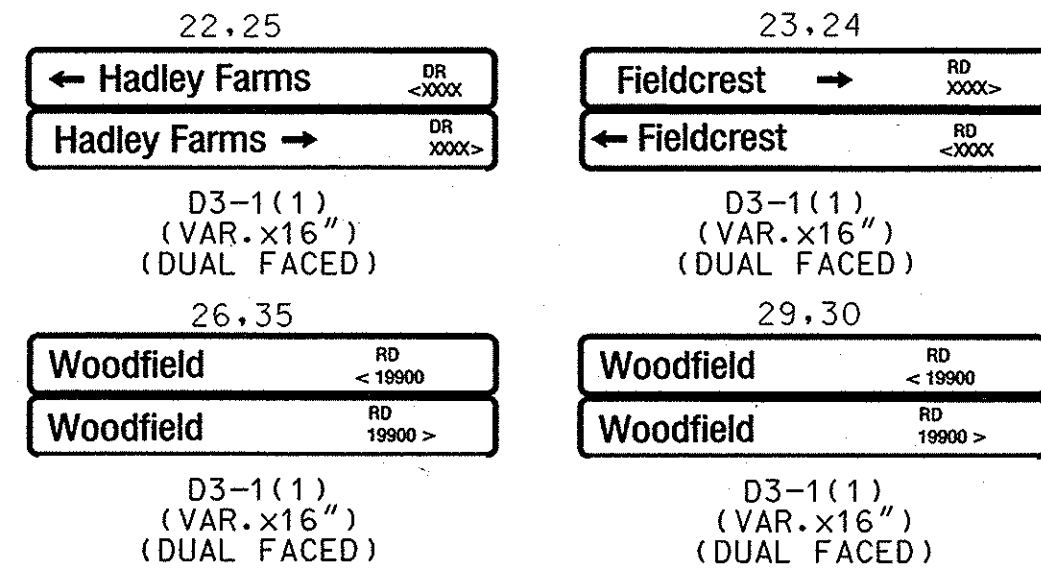
PROPOSED SIGNALS



CONSTRUCTION DETAILS

- RELOCATE EXISTING TRAFFIC SIGNAL HEADS AS SHOWN.
- RELOCATE EXISTING OVERHEAD SIGNS AS SHOWN.
- INSTALL NEW TRAFFIC SIGNAL HEAD.
- INSTALL NEW OVERHEAD SIGN.
- ADJUST VIDEO DETECTION CAMERA ON THE MAST ARM AS SHOWN.
- INSTALL NEW 5-CONDUCTOR CABLE FROM SIGNAL 10 TO SIGNAL 11.
- INSTALL NEW HANDHOLE.
- INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT - BORED.
- USE EXISTING CONDUIT.
- INSTALL NON-INVASIVE PROBES WITH 500 FT. LEAD-IN CABLE (TO BE PLACED IN THRU LANE ONLY PER SHA STANDARD MD 815.03).
- INSTALL MICROLOOP PROBE SET WITH 500 FT. LEAD-IN CABLE.
- INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
- USE EXISTING HANDHOLE.
- 1" LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE.
- REMOVE EXISTING 3-SECTION TRAFFIC SIGNAL HEAD AND INSTALL A 3-SECTION LEFT TURN TRAFFIC SIGNAL HEAD.

EXISTING SIGNS TO BE RELOCATED



EXISTING VIDEO DETECTION CAMERA TO BE ADJUSTED

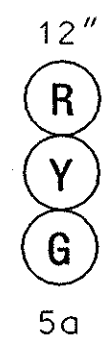
a,b,c,d

RIGHT OF WAY LINE

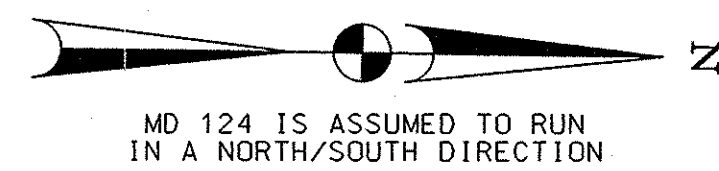
MD 124
(WOODFIELD ROAD)

RIGHT OF WAY LINE

EXISTING SIGNAL TO BE REMOVED

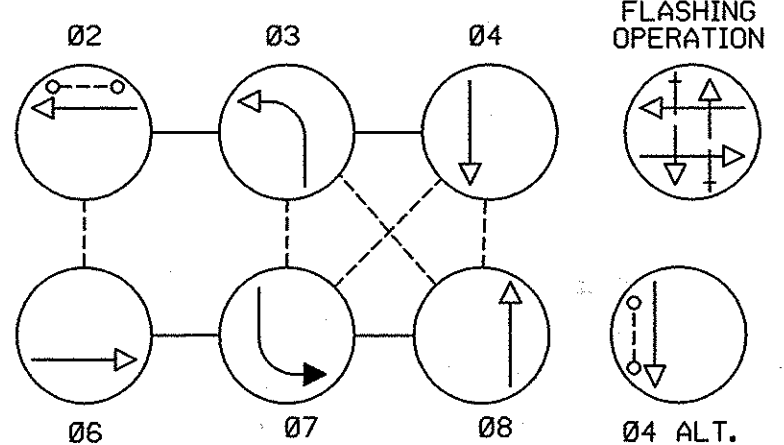


GEOMETRIC LEGEND	
—	EXISTING
- - -	PROPOSED
UTILITY LEGEND	
—	STORM DRAIN
—	GAS MAIN
—	WATER MAIN
—	SEWER MAIN
—	ELECTRIC CABLES
—	AERIAL CABLES
—	TELEPHONE CABLES
—	FIBER-OPTIC



MD 124 IS ASSUMED TO RUN
IN A NORTH/SOUTH DIRECTION

NEMA PHASING



NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

GENERAL NOTES:

- VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
- THE CONTRACTOR SHALL VERIFY PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
- FOR FINAL PAVEMENT MARKINGS REFER TO THE PAVEMENT MARKING PLANS. OTHER THAN THOSE DETAILED ON THE PLAN. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
- ALL PROPOSED LUMINAIRES SHALL BE SUPPLIED WITH A PHOTOCELL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
- THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE, THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
- ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS. HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
- CONTRACTOR SHALL BAG ALL SIGNAL HEADS NOT ACTIVELY IN USE DURING CONSTRUCTION.
- CONTRACTOR SHALL MAINTAIN SAFE PEDESTRIAN CROSSING PATHS IN ACCORDANCE WITH MUTCD DURING ALL PHASES OF CONSTRUCTION.



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 124 (WOODFIELD RD) AND FIELDCREST RD /HADLEY FARMS DRIVE

FINAL PLAN

TRAFFIC SIGNAL PLAN

SCALE 1" = 20' DATE N/A CONTRACT NO. M06325171

DESIGNED BY COUNTY MONTGOMERY

DRAWN BY J. HENKEL LOGMILE 15012408.87

CHECKED BY TMS NO. H079

FAP NO. AC-STP-1103(8)E TOD NO.

TS NO. 3976-C DRAWING SP-37 OF 39 SHEET NO. 295 OF 377

APPROVALS	
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS	
①	MD 124 WIDENING 02/2008
B	REPLACE LOOP DETECTION WITH VIDEO CAMERAS SHA M07175185
JA	
A	INSTALL 6P PHASE FOR WESTBOUND FIELDCREST TMS #D-474 12189

PLOTTED: 03:00 PM on Tuesday, March 04, 2008
FILE: M:\2007\01070459.dwg\drawings\PSG-F004_MD124.dgn